

ABSTRACT OF THE DISCLOSURE

The invention relates to an adjustable length connection arm for use in building toy geometrical structures. In the preferred embodiment, the adjustable length connection arm consists of a first member slidably and telescopically mounted to a second member and selectively positionable with respect to the second member. The ends of the connection arm each contain a captively carried magnet for magnetically coupling with a magnetizable body and the axial distance between the connection arm ends is selectively adjustable by selectively positioning a latch carried by the first member into captive engagement with any one of a multiplicity of axially spaced openings in the second member. Each of the multiplicity of openings is so dimensioned and proportioned to permit the latch to be releaseably and captively held in the opening. In another embodiment, the first member has external threads that engage the internal threads of the second member to permit the axial distance between the ends of the connection arm to be selectively determined by relative axial translation of the first member with respect to the second member.